

What is claimed is:

1. A spacer for connecting an inhaler device to a mask, the spacer comprising:
  - a) an elongated cylindrical first member extending along a central axis between a proximal end adapted to receive an inhaler device and a distal end having a particle reflecting surface, and wherein the first member has an inner channel extending along the central axis;
  - b) an elongated cylindrical second member extending along a central axis between a closed proximal end and a distal end adapted to connect to a mask, wherein the second member defines an inner channel extending along the central axis of the second member and wherein the first member and the second member are connected such that the inner channels of the members are joined lengthwise.
2. A spacer according to claim 1, wherein the particle reflecting surface of the distal end of the first member is substantially dome-shaped and extends towards the proximal end of the first member.
3. A spacer according to claim 1, wherein the central axis of the second member is substantially parallel to the central axis of the first member.
4. A spacer according to claim 1, wherein the first member has a cross-sectional diameter that is larger than a cross-sectional diameter of the second member.
5. A spacer according to claim 1, wherein the proximal end of the second member is aligned with the proximal end of the first member.
6. A spacer according to claim 1, wherein the distal end of the second member extends beyond the distal end of the first member.
7. A spacer according to claim 1, wherein the second member and the first member are integrally formed and made from a rigid, light-weight, non-porous material.

8. A spacer according to claim 1, further comprising an adapter closing the proximal end of the first member and defining an inlet passageway for receiving a mouthpiece of an inhaler, wherein the adapter is made of a flexible resilient material such that the inlet passageway can accommodate various mouthpieces having different sizes and shapes.

9. A spacer according to claim 1, further comprising a mask connected to the distal end of the second member.

10. A spacer according to claim 9, wherein the distal end of the second member includes a one-way inhalation valve and the mask includes a one-way exhalation valve.

11. A spacer according to claim 1, further comprising a T-shape element including, a first tubular element extending along a central axis between a proximal end connected to the distal end of the second member of the spacer and a distal end for connection to a mask, and a second tubular element extending from the first tubular element to a distal end.

12. A spacer according to claim 11, further comprising a mask connect to the distal end of the first tubular element of the T-shape element.

13. A spacer according to claim 11, wherein the T-shape element further includes a one-way inhalation valve positioned in the proximal end of the first tubular element.

14. A spacer according to claim 11, wherein the T-shape element further includes a one-way exhalation valve disposed inside the second tubular element.

15. A spacer according to claim 1, further comprising an inhaler connected to the proximal end of the first member.

16. A spacer according to claim 15, wherein the inhaler includes a medicament container.

17. A spacer according to claim 16, wherein the medicament container contains a medicament selected from a group consisting of acne-inhibitors, acne drugs, alkaloids, amino acid preparations, anabolic preparations, analgesics, anesthetics, antacids, antianginal drugs, anti-anxiety agents, anti-arrhythmias, anti-asthmatics, antibiotics, anti-cholesterolemics, anti-coagulants, anti-convulsants, anti-depressants, anti-diabetic agents, anti-diarrhea preparations, antidotes, anti-emetics, anti-histamines, anti-hypertensive drugs, anti-inflammatory agents, anti-lipid agents, anti-manics, anti-nauseants, anti-nauseants, anti-neoplastics, anti-obesity

drugs, anti-parkinsonism agents, anti-psychotics, anti-pyretics, anti-rheumatic agents, anti-spasmodics, anti-stroke agents, anti-thrombotic drugs, anti-thyroid preparations, anti-tumor drugs, anti-tussives, anti-ulcer agents, anti-uricemic drugs, anti-viral drugs, appetite stimulants or suppressants, biological response modifiers, blood modifiers, bone metabolism regulators, cardiovascular agents, central nervous system stimulants, cerebral dilators, cholinesterase inhibitors, contraceptives, coronary dilators, cough suppressants, decongestants, dietary supplements, diuretics, DNA and genetic modifying drugs, dopamine receptor agonists, endometriosis management agents, enzymes, erectile dysfunction therapies, erythropoietic drugs, expectorants, fertility agents, gastrointestinal agents, homeopathic remedies, hormones, hyper- and hypo-glycemic agents, hypercalcemia and hypocalcemia management agents, hypnotics, immunomodulators, immunosuppressives, ion exchange resins, laxatives, migraine preparations, motion sickness treatments, mucolytics, muscle relaxants, neuromuscular drugs, obesity management agents, osteoporosis preparations, oxytocics, parasympatholytics, parasympathomimetics, peripheral vasodilators, prostaglandins, psychotherapeutic agents, psycho-tropics, stimulants, respiratory agents, sedatives, smoking cessation aids, sympatholytics, systemic and non-systemic anti-infective agents, terine relaxants, thyroid and anti-thyroid preparations, tranquilizers, tremor preparations, urinary tract agents, vasoconstrictors, vasodilators, and combinations thereof.

18. A spacer according to claim 1, further comprising a mask including a base portion having an upstream end and an open downstream end that is larger than the upstream end and adapted for fitment over a face, and a tubular portion extending from the upstream end of the base portion to a distal end connected to the distal end of the second member of the spacer.

19. A spacer according to claim 18, wherein the mask is made from a flexible, lightweight, non-porous material.

20. A spacer according to claim 18, wherein the downstream end of the mask includes a bottom edge section, and two side edge sections extending from ends of the bottom edge section and joined at the top of the downstream end, wherein the bottom edge section is slightly curved toward the upstream end in a substantially V-shape, and the side edge sections are slightly curved, from the bottom edge section, first towards the upstream end and then, away from the upstream end to form a substantially S-shape periphery.